



Transportation of Dangerous Goods Directorate
L'Esplanade Laurier
300 Laurier Avenue West
Ottawa, Ontario
K1A 0N5

Direction générale du transport des marchandises dangereuses
L'Esplanade Laurier
300, avenue Laurier Ouest
Ottawa (Ontario)
K1A 0N5



Equivalency Certificate (Approval issued by the competent authority of Canada)

Certificate No.: SU 13432 (Ren 1)

Certificate Type: N/A

Certificate Holder: Environmental 360 Solutions Ltd.

Mode of Transport: Road, Rail, Marine

Effective Date: October 20, 2023

Expiry Date: September 30, 2025

LEGEND

For the purposes of this equivalency certificate, documents referred to by an abbreviation have the following meaning:

TDG Act: *Transportation of Dangerous Goods Act, 1992*

TDG Regulations: *Transportation of Dangerous Goods Regulations*

UN Recommendations: *“Recommendations on the Transport of Dangerous Goods”, published by the United Nations (UN), as amended from time to time*

NOTES

Note 1: Subsection 31(4) of the *TDG Act* stipulates that any non-compliance with the conditions of this equivalency certificate causes the provisions of the *TDG Act* and *TDG Regulations* to apply as though this equivalency certificate did not exist.

Note 2: This equivalency certificate provides no regulatory relief other than specifically stated herein. Therefore, all other requirements of the *TDG Act* and the *TDG Regulations* apply.

Note 3: No person shall use or apply this equivalency certificate, including the display of its number, when the equivalency certificate has expired or is otherwise no longer in effect. Any alteration of this equivalency certificate renders it invalid. Visit the Transport Canada website for the latest version of this equivalency certificate.

PURPOSE

Environmental 360 Solutions Ltd. is a company that collects and recycles cells and batteries, with the majority being non-regulated alkaline batteries. However, about 10% of the batteries collected will be regulated lithium-ion, lithium metal or nickel metal hydride batteries.

This equivalency certificate authorizes **Environmental 360 Solutions Ltd.** and the participants in the battery recycling program to handle, offer for transport or transport dangerous goods that are lithium-ion batteries, lithium metal batteries or nickel metal hydride batteries in a matter that does not comply with:

- part 3 (Documentation) of the *TDG Regulations*,
- sections 4.11 and 4.12 of part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*, and
- part 6 (Training) of the *TDG Regulations*.

The cells and batteries are intended for disposal or recycling, and are transported from public collection sites to disposal or recycling facilities.

CONDITIONS

This equivalency certificate authorizes **Environmental 360 Solutions Ltd.** and the participants in the battery recycling program to handle, offer for transport or transport and authorizes any person to handle or transport on behalf of **Environmental 360 Solutions Ltd.** or the participants in the battery recycling program, by road or railway vehicle, or by vessel on a domestic voyage, dangerous goods that are:

UN Number	Shipping Name and Description	Class	Packing Group
UN3090	LITHIUM METAL BATTERIES (including lithium alloy batteries)	9	N/A
UN3091	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT, (including lithium alloy batteries)	9	N/A

UNCLASSIFIED / NON CLASSIFIÉ

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UN3480	LITHIUM ION BATTERIES (including lithium ion polymer batteries)	9	N/A
UN3481	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT (including lithium ion polymer batteries)	9	N/A
UN3496	NICKEL METAL HYDRIDE BATTERIES	9	N/A

in a manner that does not comply with:

- part 3 (Documentation) of the *TDG Regulations*,
- sections 4.11 and 4.12 of part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*, and
- part 6 (Training) of the *TDG Regulations*,

if the following conditions are met:

1) General

- a) The cells and batteries are intended for disposal or recycling, and are transported from sites participating in **Environmental 360 Solutions Ltd.** battery recycling program to the disposal or recycling facilities;
- b) This equivalency certificates does not apply to damaged or defective cells and batteries;
- c) **Environmental 360 Solutions Ltd.** ensures that a copy of this equivalency certificate is available to all participants of their battery recycling program.

2) Means of Containment

- a) The cells and batteries are transported in accordance with the requirements of Special Provision 138 of Schedule 2 of the *TDG Regulations*;
- b) The cells and batteries are packed in accordance with Packing Instruction P909 or LP904 of the *UN Recommendations*.

3) Safety marks – Marking, Labelling and Placarding

- a) The means of containment containing the cells and batteries is durably and legibly marked on a contrasting background with:
 - (i) The Class 9, lithium battery label, illustrated in the Appendix of Part 4 of the *TDG Regulations*;

- (ii) One of the following expression:
 - (1) “Lithium batteries for disposal”,
 - (2) “Piles au lithium destinées à l’élimination”,
 - (3) “Lithium batteries for recycling” or
 - (4) “Piles au lithium destinées au recyclage ”,

- (iii) The equivalency certificate number “**SU 13432 (Ren. 1)**”.

4) Training

- a) **Environmental 360 Solutions Ltd.** provides training videos on their website and/or instructions at each battery collection location that explains how to protect the cells and batteries from short circuit and how to prepare the cells and batteries for shipment.

Signature of Issuing Authority



David Lamarche, P. Eng., ing.
Manager, Approvals and Special Regulatory Projects

(The following is for information purposes only and is not part of the certificate.)

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<u>Legend for Certificate Number</u>	
SH - Road, SR - Rail, SA - Air, SM - Marine SU - More than one Mode of Transport Ren - Renewal	

For more information:	
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